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B. J. PRE
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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: SOUISSI, *et al.*

Serial No.: 09/925,566

Filed: August 08, 2001

For: DISTRIBUTED ARCHITECTURE
WIRELESS RF MODEM

Art Unit: 2683

Examiner: Congvan Tran

Atty Docket: 05118-25 (6507/60469)

**CERTIFICATE OF
MAILING/TRANSMISSION
(37 C.F.R. § 1.8A)**

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September 27, 2002

Kit Cruz

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PRELIMINARY AMENDMENT UNDER 37 C.F.R. §1.115

Commissioner for Patents
Washington, D.C. 20231

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10 Sir:

OCT 08 2002

Please amend the application as follows:

Technology Center 2600

IN THE SPECIFICATION

Please replace the paragraph beginning at page 8, line 13, with the following rewritten

15 paragraph:

--Fig. 3 is a schematic illustration of a detachable wireless RF modem 300 in accordance with a preferred embodiment of the present invention, wherein RF modem 300 comprises an Antenna 310, an RF head, and an RF to Baseband Interface 375. The RF head comprises RF switch or duplexer 360, Dual Conversion Transceiver 350, High Speed Synthesizer 380, Power Amplifier 315, and Filters 320, and performs RF conversion. RF modem 300 can be constructed using standard components. For instance: Dual Conversion Transceiver 350 and High Speed Synthesizer 380 are available from Texas Instruments of Dallas, Texas; and RF to Baseband Interface 375 can be any standard interface that enables RF modem 300 to be inserted in a conventional way into an available slot in the host computing device, *i.e.*, Interface 375 enables

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